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R Van Der Straeten, T Mens, J Simmonds ... - UML 2003-the ..., 2003 - books.google.com ... 4. J.-P. Bodeveix, T. Millan, C. Percebois, CL Camus, P. Bazes, and L. Ferraud. Extending OCL for verifying UML model consistency. ... 8. G. Engels, R. Heckel, and JM Kiister. Rule-based specification of behavioral consistency based on the UML meta-model. ...

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WE McUmber, BHC Cheng - ... of the 23rd international conference on ..., 2001 - portal acm.org ... Consequently, methods for modeling and developing embedded systems and rigorously **verifying** behavior before ... Consistency and completeness of the **rules** are addressed by basing the diagram ... estab- lished between the metamodels of the semi-formal (source), **UML** and the ...

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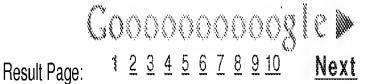
A Evans, R France, K Lano, B Rumpe - The Unified Modeling Language. «UML»'... - Springer ... The semantic model is to be used as the basis for a set of diagrammatical transformation rules, which enable formal deductions to be made about UML diagrams. A small example shows how these rules can be used to verify whether one class diagram is a valid deduction of ...

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